

- KR9601009 B1 19960117
- KR19930006067 19930412
- GLASS COMPOSITION FOR SEALING
- C03C8/24
- C04B35/18; C03C10/00
- KEUMKANG CO LTD [KR]
- MIN HEUNG-SIK [KR]; CHOE SEUNG-KYU [KR]; AHN YOUNG-KEUN [KR]
- KR19930006067 19930412
- WF
- The title composition comprises 88-92 wt% alumina(Al<sub>2</sub>O<sub>3</sub>), 3-5 wt% silica(SiO<sub>2</sub>), 0.5-1.5 wt% magnesia(MgO), 0.5-1.5 wt% calcia(CaO), 1-3 wt% manganese oxide(MnO), 1-2 wt% chromia(Cr<sub>2</sub>O<sub>3</sub>) and 0.5-1 wt% zirconia(ZrO<sub>2</sub>). The used alumina powder has 70% of 2-4 microns size particles and 30% of 0.4-0.5 microns size particles, and the particle size of the silica is 1-3 microns. The total weight of MgO, CaO, MnO, Cr<sub>2</sub>O<sub>3</sub> and ZrO<sub>2</sub> is 5-7% with respect to the whole weight of the composition.